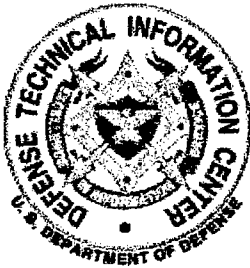


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INFORMATION ANALYSIS CENTER

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HANDBOOK OF SMART WEAPON AND PGM RELATED ACRONYMS AND TERMS 2ND EDITION

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This publication contains acronyms commonly used in smart weapon and precision guided munition technology. More specifically, the following subject areas are covered: guidance and control terminology, frequency bands, electronics and sensors related to PGMs, U.S. and foreign PGMs, major DoD organizations interested in PGMs, PGM related management terms and all DoD IACs.

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FOREWORD

Acronyms and initialisms have been used as communication tools throughout history: consider QED (quod erat disputandum) or SPQR (senatus populusque romanus). They serve as a shorthand for long expressions, consequently rendering our efforts more efficient. Lately, however, the proliferation of acronyms has reached staggering proportions as lexicographers of various technical dictionaries can attest. Many acronyms have more than one interpretation, and in many instances acronym usage has become an encumbrance rather than a convenience. This GACIAC handbook offers a solution to the problems that acronyms can present.

The second edition of the Handbook of Smart Weapon and PGM Related Acronyms and Terms has been expanded to include entries relating to new weapon systems, organizations and technical terminology. All of the terms included in the first edition have been retained. Furthermore, the handbook is published in both paper and electronic format. A diskette has been included which offers the same handbook in .pdf format. The find function can be used to locate an entry.

We welcome informed comments on this publication. Please submit your comments and suggestions using the form included in this handbook.

Joseph J. Petrovic
GACIAC Director

A

AD	Analog-to-Digital
AP	Autopilot
AS	Air-to-Surface
AA	Antiaircraft
AA-10	Alamo Missile
AA-11	Archer Missile
AA-2	Atoll Missile
AA-3	Anab Missile
AA-5	Ash Missile
AA-6	Acrid Missile
AA-7	Apex Missile
AA-8	Aphid Missile
AA-9	Amos Missile
AAAMS	Advanced Antiarmor Missile System
AAE	Army Acquisition Executive
AAFSS	Advanced Aerial Fire-Support System
AAH	Advanced Attack Helicopter
AAIFF	Air-to-Air Identification Friend or Foe

AAIRS	Automatic Acquisition Infrared Seeker
AAM	Air-to-Air Missile
AASR	Advanced Airborne Surveillance Radar
AATADS	Advanced Antitank and Air Defense System
AAW	Anti-Air Warfare
AAWAAM	Advanced All Weather Air to Air Missile
AAWS	Advanced Antiarmor Oxapon System
AAWS-H	Advanced Antiarmor Weapon System Heavy
AAWS-M	Advanced Antiarmor Weapon System Medium
AAWWS	Airborne Adverse Weather Weapon System
ABCCC	Airborne Battlefield Command & Control Center
ABEL	Air Breathing Electronic Laser
ABGD	Air Base Ground Defense
ABL	Airborne Laser
ABM	Antiballistic Missile
ABM-1	Galosh Missile
ABR	Airborne Radar
ABRAMS	Antibomb Rocket and Mortar System

ABRAMS	M-1 Tank
ABRES	Advanced Ballistic Reentry Systems
AC	Aircraft
AC	Alternating Current
ACAWS	Aircraft Area Weapon System
ACC	Army Communications Command, Ft. Huachuca, AZ
ACCS	Air Command and Control System
ACE	Adaptive Correlation Evaluator
ACET	Automatic Cancellation of Extended Targets
ACEVAL	Air Combat Evaluation
ACIMD	Advanced Common Intercept Missile Demonstration
ACLOS	Automatic Command-to-Line-of-Sight
ACM	Advanced Cruise Missile
ACMI	Air Combat Maneuvering Instrumentation
ACR	Advanced Combat Rifle
ACSC	Air Command and Staff College, Maxwell AFB, AL
ACSL	Advanced Continuous Simulation Language
ACT	Automotive Centroid Tracker

ACTD	Advanced Concept Technology Demonstration
ACV	Armored Combat Vehicle
ACVWS	Armored Combat Vehicle Weapon System
AD	Air Defense
AD	Armament Division, Eglin AFB, FL
ADA	Air Defense Artillery
ADAR	Advanced Design Array Radar
ADARS	Armor Defeating Aerial Rocket System
ADAS	Architecture Design and Assessment
ADATM	Advanced Direct Attack Munition
ADATS	Air Defense Antitank System
ADCAP	Advanced Capability
ADCU	Analog to Digital Converter Unit
ADDS	Air Defense Demonstration System
ADDS	Army Data Distribution System
ADF	Automatic Direction Finding
ADI	Air Defense Initiative
ADKEM	Advanced Kinetic Energy Missile
ADSM	Air Defense Suppression Missile

ADTC	Armament Development and Test Center, Eglin AFB, FL
ADU	Aimpoint Display Unit
ADVCAP	Advanced Capability
AEDC	Arnold Engineering Development Center Arnold AFS, TN
AERDA	Army Electronics Research and Development Activity, WSMR, NM
AEWIS	Army EW Information System
AF	Artillery Fire
AFAADS	Advanced Forward Area Air Defense System
AFAC	Air Force Armament Center, Eglin AFB, FL
AFAL	Air Force Avionics Lab, WPAFB, OH
AFAR	Advanced Field Array Radar
AFAS	Advanced Field Artillery System
AFAS-C	Advanced Field Artillery System-Cannon
AFATDS	Advanced Field Artillery Tactical Data System
AFATL	Air Force Armament Lab, Eglin AFB, FL
AFC	Automatic Frequency Control
AFCC	Air Force Communications Command, Scott AFB, IL

AFFDL	Air Force Flight Dynamics Lab, WPAFB, OH
AFFS	Advanced Fire-and-Forget System
AFFS	Advanced Firefinder System. Previously known as ATACS
AFGL	Air Force Geophysics Lab, Hanscom AFB, MA
AFIT	Air Force Institute of Technology, WPAFB, OH
AFLC	Air Force Logistics Command, WPAFB, OH
AFLIR	Advanced Forward Looking Infrared
AFOSR	Air Force Office of Scientific Research, Bolling AFB, Washington, DC
AFSC	Air Force Systems Command, Washington, DC
AFSWC	Air Force Special Weapons Center, Kirtland AFB, NM
AFTEC	Air Force Test and Evaluation Center, Kirtland AFB, NM
AFWAL	Air Force Wright Aeronautical Labs, WPAFB, OH
AFWL	Air Force Weapons Lab, Kirtland AFB, NM
AGARD	Advisory Group for Aerospace Research and Development, Neuilly-sur-Seine, France
AGC	Automatic Gain Control

AGCW	Autonomous Guidance for Conventional Weapons
AGM	Air-to-Ground Missile
AGM-114	Hellfire Missile
AGM-12	Bullpup Missile
AGM-28	Hound Dog Missile
AGM-45	Shrike Missile
AGM-62	Walleye Missile
AGM-65	Maverick Missile
AGM-69	SRAM
AGM-78	Standard ARM
AGM-84	Harpoon Missile
AGM-86	ALCM
AGM-88	HARM
AGR	Automatic Gain Reduction
AGT	Advanced Gun Technology
AGTELIS	Automatic Ground Transportable Emitter Location and Identification System
AH	Attack Helicopter
AHAMS	Advanced Heavy Antitank Missile System
AHM	Anti-helicopter Mine
AHRS	Attitude & Heading Reference System

AI	Airborne Intercept
AI	Air Interdiction
AI	Artificial Intelligence
AIAAM	Advanced Intercept Air-to-Air Missile
AIAD	Advanced Infantry Air Defense
AIEWS	Advanced Integrated Electronic Warfare System
AIFF	Advanced Identification Friend or Foe
AIFS	Advanced Indirect Fire System
AIIS	Advanced Infrared Imaging Seeker
AIL	Airborne Instruments Laboratory
AIM	Aerial Intercept Missile
AIM-120	AMRAAM
AIM-26	Nuclear Falcon
AIM-4	Falcon Missile
AIM-54	Phoenix Missile
AIM-7	Sparrow Missile
AIM-9	Sidewinder Missile
AIMU	Advanced Inertial Measurement Unit
AIMVAL	Air Intercept Missile Evaluation
AIRS	Airborne Integrated Reconnaissance System

AIWS	Advanced Interdiction Weapon System
AJ	Antijam
AJ.168	Martel Missile
AJAMS	Anti-Jam Active Millimeter Wave Seeker
ALAIR	Advanced Low Altitude Reconnaissance
ALARM	Air-Launched Anti-Radiation Missile
ALARM	Alerting Long Range Radar
ALARM	Air-Launched Advanced Ramjet Missile
ALAS	Automatic Laser Analysis System
ALAST	Advanced Laser Spot Tracker
ALAW	Advanced Light Antitank Weapon
ALB	Air-Land Battle
ALCM	Air-Launched Cruise Missile
ALCOR	ARPA Lincoln Coherent Observable Radar
ALIATS	Airborne Laser Illumination and Tracking System
ALICAT	Advanced Circuits and Array Technology
ALIRT	Adaptive Long Range Infra-Red Tracker
ALL	Airborne Laser Laboratory

ALLD	Airborne Laser Locator Designator
ALLTV	All Light Level Television
ALR	Artillery Locating Radar
ALRAAM	Advanced Long Range Air-to-Air Missile
ALS	Army Laser Seeker
ALSPES	Automatic Laser Seeker Performance Evaluation System
ALSS	Advanced Location Strike System
ALT	Airborne Laser Tracker
ALTAIR	ARPA Long Range Tracking and Instrument Radar
ALV	Autonomous Land Vehicle
ALWT	Advanced Light Weight Torpedo
AM	Amplitude Modulation
AM-39	Exocet Missile(Air Launched)
AMAMS	Advanced Medium Antitank Missile System
AMARV	Advanced Maneuvering Re-entry Vehicle
AMAWS	Advanced Medium Antiarmor Weapon System
AMCOM	Army Aviation and Missile Command Redstone Arsenal AL

AMCPM-SMK-T	Office of the Project Manager Smoke/Obscurants, APG, MD
AMDAS	Airborne Mine Detection and Survey
AMF	Advanced Modular FLIR
AMMIS	Advanced Mobile Missile Intercept System
AMPM	Advanced Multipurpose Missile
AMPTIAC	Advanced Materials and Processes IAC.
AMRAAM	Advanced Medium Range Air-to-Air Missile
AMSAA	Army Materiel Systems Analysis Activity, APG, MD
AMS-H	Advanced Missile System-Heavy
AMTC	Army Missile Test Center, WSMR, NM
AMTI	Area Moving Target Indicator
AMTS	Active Moving Target Seeker
ANSSR	Aerodynamically Neutral Spin- Stabilized Rocket
AOA	Angle Of Arrival
AOA	Angle Of Attack
AOB	Air Order of Battle
AOCS	Advanced Optical Contact Seeker
AOO	Assault on Objective

AOS	Add-On Sensor
AOS	Airborne Optical System
APACHE	AH-64 Advanced Attack Helicopter
APAR	Advanced Phased-array Active Radar
APC	Armored Personnel Carrier
APD	Avalanche Photodiode
APG	Aberdeen Proving Ground, MD
APGM	Autonomous Precision Guided Munition
APMIAC	Airfields Pavements and Mobility IAC
APTAAM	Advanced Processor Technology for Air to Air Missiles
AR/AAV	Armored Reconnaissance/Airborne Assault Vehicle
ARBRL	Army Materiel Command, Ballistic Research Lab APG, MD
ARCS	Advanced Retaliation Countermeasure System
ARDEC	Armament, Research, Development, and Engineering Center, Picatinny Arsenal, NJ
AREST	Advanced Radar Experimental Systems Technology
ARH	Antiradiation Homing
ARJS	Airborne Radar Jamming System

ARL	Army Research Laboratory
ARM	Anti-Radiation Missile
ARMAT	Anti-Radar missile Matra
ARP	Anti-Radiation Projectile
ARPA	Advanced Research Projects Agency. Previously known as DARPA
ARS	Aircraft Rocket System
ARS	Azimuth Reference System
ARS/SLA	Automatic Reference System/ Sequential Launch Adapter
ARTI	Automatic Radar Target Identification
ARWS	Advanced Radar Warning System
AS.34	Kormoran Missile
AS.37	Martel Missile
AS-1	Kennel Missile
AS-11	Kegler Missile
AS-15	Kent Missile
AS-2	Kipper Missile
AS-3	Kangaroo Missile
AS-4	Kitchen Missile
AS-5	Kelt Missile
AS-6	Kingfish Missile

AS-7	Kerry Missile
AS-9	Kyle Missile
ASALM	Advanced Strategic Air Launched Missile
ASAR	Advanced Surface to Air Ramjet
ASAR	Advanced Synthetic Aperture Radar
ASARG	Autonomous Synthetic Aperture Radar Guidance
ASARS	Advanced Synthetic Aperture Radar System
ASAT	Anti Satellite Defense Systems
ASAW	Advanced Surface Attack Weapon
ASCM	Anti-Ship Cruise Missile
ASD	Aeronautical Systems Division, WPAFB, OH
ASH	Advanced Scout Helicopter
ASIAC	Aerospace Structures IAC
ASLC	Adaptive Sidelobe Cancellation
ASM	Air-to-Surface Missile
ASMD	Anti-Ship Missile Defense
ASMP	Air Sol Moyenne Portee
ASOJ	Anti-Standoff Jammer
ASPJ	Airborne Self-Protection Jammer

ASRAAM	Advanced Short Range Air-to-Air Missile
ASRAP	Acoustic Sensor Range Prediction
ASROC	Anti-Submarine Rocket
ASSET	Airborne Sensor System for Evaluation and Testing
ASTAAM	Advanced Seeker Technology for Air to Air Missiles
ASTMP	Army Science & Technology Master Plan
ASUW	Anti-Surface Warfare
ASW	Anti-Submarine Warfare
AS-X-10	Karen Missile
AT	Antitank
AT-2	Swatter Missile
AT-3	Sagger Missile
AT-4	Spigot Missile
AT-5	Spandrel Missile
AT-6	Spiral Missile
AT-8	Songster Missile
ATA	Air-to-Air
ATAADS	Antitank Assault Air Defense System
ATAC	Advanced Tank Cannon
ATACMS ER	ATACMS Extended Range

ATACMS	Army Tactical Missile System
ATACS	Advanced Target Acquisition Counterfire System
ATAFCS	Airborne Target Acquisition Fire Control System
ATAP	AntiTank AntiPersonnel mine system
ATAR	Air to Air Recognition
ATARMS	Advanced Tactical Active Radar Missile System
ATARS	Advanced Tactical Air Reconnaissance System
ATAS	Advanced Target Acquisition Sensor
ATB	Advanced Technology Bomber
ATB	Army Technology Base
ATBM	Antitactical Ballistic Missile
ATC	Automatic Target Cueing
ATD	Advanced Technology Demonstration
ATD	Automatic Target Detection
ATF	Advanced Tactical Fighter
ATGM	Antitank Guided Missile
ATGW	Antitank Guided Weapon
ATHOC	Automatic Target Hand-Off Correlator

ATHP	Autonomous Terminal Homing Program
ATHS	Automated Target Handoff System
ATHS	Automatic Target Handover System
ATI	Air Target Indicator
ATIGS	Advanced Tactical Inertial Guidance System
ATIROM	Advanced Threat Infra-Red Countermeasures
ATLAS	Advanced Target Location and Strike System
ATM	Anti-Tactical Missile
ATR	Advanced Tactical Radar
ATR	Automatic Target Recognition
ATRWG	Automatic Target Recognizer Working Group
ATS	Advanced Technology Seeker
ATSE	Advanced Targeting Sensor Evaluation
ATSR	Advanced Tactical Surveillance Radar
ATTD	Advanced Technology Transition Demonstration
ATVS	Advanced Television Seeker
AU	Air University, Maxwell AFB, AL
AUSA	Association of the US Army

AW	All Weather
AWACS	Airborne Warning and Control System
AWADM	Advanced Wide Area Defense Missile
AWC	All Weather CHAPARRAL
AZ	Azimuth

B

BAA	Broad Agency Announcement
BAI	Battlefield Air Interdiction
BAM	Ballistic Advanced Missile
BAO	Battlefield Aerosols and Obscurants
BASES	Beam Approach Seeker Evaluation System
BASS	Battlefield Area Surveillance System
BAT	Brilliant Anti-Tank
BATS	Ballistic Aerial Target System
BCIS	Battlefield Combat Identification System
BCS	Battlefield Coordinate System
BDA	Battle Damage Assessment
BDM	Bomber Defense Missile
BELDWSS	Battlefield Environmental Laser Designator Weapon System Simulation
BENS	Bounded Error Navigation System
BFV	Bradley Fighting Vehicle
BGM-109	Tomahawk Missile

BGM-109G	Gryphon Missile (GLCM)
BGM-71	TOW missile
BIFF	Battlefield Identification Friend or Foe
BILL	Bofors Industry Light and Lethal
BIS	Battlefield Information System
BLOS	Beyond Line of Sight
BMAP	Background Measurement Analysis Program
BMD	Ballistic Missile Defense
BMDO	Ballistic Missile Defense Organization. Previously known as SDIO
BMEWS	Ballistic Missile Early Warning System
BMP	Best Manufacturing Practice
BMS	Battlefield Management System
BPSK	Bi-Phase Shift Keying
BRAC	Base Realignment And Closure Commission
BDREC	Army Belvoir Research Development and Engineering Center, Ft. Belvoir VA
BRL	Ballistic Research Lab, APG, MD
BRP	Basic Research Plan
BSFV	Bradley Stinger Fighting Vehicle
BSFV-E	Bradley Stinger Fighting Vehicle Enhanced

BSTAR	Battlefield Surveillance and Target Acquisition
B-STING	Beam Sight Technology
BTI	Balanced Technology Initiative
BVR	Beyond Visual Range
BW	Bandwidth

C

C/N	Clutter-to-Noise
C ²	Command and Control
C ³	Command, Control and Communications
C ³ CM	Command, Control, Communications, Countermeasures
C ³ I	Command, Control, Communications/Intelligence
C ⁴	Command, Control, Communications & Computers
C ⁴ I	Command, Control, Communications, Computers & Intelligence
C ⁴ I ²	Command, Control, Communications, Computers, Intelligence & Information
CAAMS	Conventional Airfield Attack Missile System
CABOOM	Captor Mission-Oriented Bottom Ocean Obstacle Mines
CACDA	Combined Arms Combat Development Activity, Ft. Leavenworth, KS
CAD	Computer-Aided Design
CAIR	Countermeasures, Airborne Infra-Red

CAMM	Combined Arms Multipurpose Missile
CAMMS	Combined Arms Multipurpose Missile System
CAMS	Common Aperture Multispectrum Seeker
CANE	Command And Navigation Equipment
CAPRIS	Combat Active Passive Radar and Identification System
CART	Conformal Array Radar Technology
CAS	Close-Air Support
CAS	Control Acquisition System
CASE	Computer-Aided Systems Engineering
CASJ	Close-Air Support Jammer
CASM	Close-Air Support Missile
CASM	Combined Arms Simulation Model
CASW	Close-Air Support Weapon
CASW/SOW	Common ASW Standoff Weapon
CAT RADAR	Combined Acquisition and Tracking Radar
CAT	Command-Adjusted Trajectory
CATIES	Common Aperture Technique for Imaging Electro-Optical Sensor
CATIS	Computer Aided Tactical Information System

CAW	Close Assault Weapon
CAWS	Cannon Artillery Weapon System
CBW	Controllable Beam Weapon
CC	Close Combat
CCC	Command, Control and Communications
CCCI	Command, Control, Communications/Intelligence
CCD	Camouflage Concealment and Deception
CCD	Charge Coupled Device
CCEBL	Cold Cathode Electron Beam Laser
CCG	Command & Control Group
CCM	Counter-Countermeasure
CD	Coefficient of Drag
CD/N	Clear Day/Night
CDI	Classification, Discrimination & Identification
CDRL	Contract Data Requirements List
CE	Concurrent Engineering
CE	Co-operative Engagement
CECOM	Army Communications-Electronics Command Ft. Monmouth NJ

CEIAC	Coastal Engineering Information Analysis Center
CEP	Circular Error Probable
CFA	Crossed Field Amplifier
CFAR	Constant False Alarm Rate
CFR	Code of Federal Regulations
CFT	Captive Flight Tests
CGSP	Conventional Geometry Smart Projectiles
CGSSP	Command Guided Spin Stabilized Projectile
CHAMP	Canard Homing Artillery Modular Projectile
CHOU	Correlation Home on Jam
CID	Charge Injection Device
CID	Combat Identification
CIFF	Centralized IFF
CIGTF	Central Inertial Guidance Test Facility, Holloman AFB, NM
CIJ	Close-In Jamming
CIM	Corporate Information Management
CIRIS	Completely Integrated Reference Instrumentation System
CIS	Combat Identification System

CIS	Commonwealth of Independent States (former Soviet Union)
CIWS	Close-In Weapon System
CJ	Continuous Jammer
CL	Chemical Laser
CLAP	Chemical Laser Analysis Program
CLAW	Closed Launcher Assault Weapon
CLBRP	Cannon-Launched Beamrider Projectile
CLFC	Closed Loop Fire Control
CLGP	Cannon-Launched Guided Projectile
CLO	Counter Low Observables
CLOS	Command to Line-of-Sight
CLV	Constant Linear Velocity
CM	Centimeter
CM	Countermeasure
CMAG	Cruise Missile Advanced Guidance
CMLC	Coherent Mainlobe Canceller
CMMR	Common Modular Multimode Radar
CMOS	Complementary Metal Oxide Semiconductor
CMR	Common Multimode Radar
CMWS	Common Missile Warning System

CNA	Center for Naval Analyses, Alexandria, VA
COBRA	Coastal Battlefield Reconnaissance and Analysis
COBRA	Counter Battery Radar
COCS	Current Optical Contrast Seeker
COEA	Cost & Operational Effectiveness Analysis
COLDS	Common Opto-electronic Laser Detection System
COLTS	Contrast Optical Laser Tracking Subsystem
COMJAM	Common Jammer
COMO	Computer Model
COMSEC	Communications Security
COMVAT	Combat Vehicle Armament Technology
CONAD	Continental Air Defense
CONUS	Continental United States
CORDS	Coherent-On-Receive Doppler System
CORPS SAM	Corps Surface-to-Air Missile System (US Army)
CORR	Coherent-On-Receive Radar
COSATI	Committee for Scientific and Technical Information, Washington, DC
COTS	Commercial Off-The-Shelf

CPACS	Coded Pulse Anti-Clutter System
CPIA	Chemical Propulsion Information Agency
CPU	Central Processor Unit
CRADA	Co-operative Research And Development Agreement
CRSTIAC	Cold Regions Science and Technology IAC
CRT	Cathode Ray Tube
CRT	Coefficient of Radial Thrust
CSERIAC	Crew Systems Ergonomics Information Analysis Center
CSLC	Coherent Side Lobe Cancellation
CSSL	Continuous System Simulation Language
CSTA	Combat Surveillance and Target Acquisition
CSW	Close Support Weapon
CSW	Conventional Stand-off Weapon
CSWS	Corps Support Weapon System (Assault Breaker)
CTD	Charge Transfer Device
CTF	Control Transfer Function
CTIAC	Concrete Technology Information Analysis Center

CW	Clear Weather
CW	Continuous Wave
CWAR	Continuous Wave Acquisition Radar
CWAT	Continuous Wave Acquisition and Track

D

D/A	Digital-to-Analog
DAC	Disturbance Absorbing Controller
DAC	Disturbance Accommodating Controller
DACS	Data and Analysis Center For Software
DANTS	Day and Night Television System
DAP	Digital Autopilot
DAR	Defence Acquisition Regulation
DAR	Distributed Array Radar
DARCOM	Army Materiel Development and Readiness Command, Alexandria, VA
DARS	Digital Attitude Reference System
DART	Development of Advanced Radar Techniques
DASIAC	DoD Nuclear Information and Analysis Center
DB	Decibels
DBOF	Defense Business Operational Fund
DBS	Doppler Beam Sharpening

DC	Direct Current
DC	Directional Control
DCAT	Directional Control Antitank
DCS	Defense Courier Service
DDD	Diode laser and Detector array Development Program
DE	Directed Energy
DEAD	Destruction of Enemy Air Defences
DEFCON	Defense Condition. (National defense alert status)
DEMINS	Distributed Explosive Mine Neutralization System Demonstration
DESC	Defense Electronics Supply Center, Dayton, OH See DSCC
DEW	Directed Energy Weapon
DEW	Distant Early Warning
DF	Direction Finding
DFARS	Defense Federal Acquisition Regulation Supplement
DFRU	Digital Frequency Reference Unit
DGPS	Differential GPS
DIANE	Digital Integrated Attack Navigation Equipment
DICE	Digital Interface Countermeasures Equipment

DICORAP	Directionally Controlled Rocket-Assisted Projectile
DIDO	Directional Doppler
DIGI-DOPS	Digital Doppler System
DIGISMAC	Digital Scene Matching Area Correlator
DIGS	Digital (or Delta) Inertial Guidance System
DILAG	Differential Laser Gyro
DINS	Dormant Inertial Navigation System
DIRT-1	Dust Infrared Test
DIS	Defense Investigative Service
DIS	Distributed Interactive Simulation
DISA	Defense Information Systems Agency
DIVAD	Division Air Defense
DLA	Defense Logistics Agency, Ft. Belvoir, VA
DLIS	Downward Looking Infrared System
DMA	Defense Mapping Agency, Washington, DC. See NIMA.
DME	Distance Measuring Equipment
DMG	Digital Map Generator
DMS	Dual Mode Seeker
DMSO	Defense Modeling & Simulation Office

DMSTTIAC	Defense Modeling Simulation Tactical Technology IAC
DMTF	Diffraction Limited Modulator Transfer Function
DNSS	Defense Navigation Satellite System
DOA	Direction of Arrival
DOA/TOA	Direction of Arrival/Time of Arrival
DoDISS	Department of Defense Index of Specifications & Standards
DOF	Degrees of Freedom
DPCM	Digital Pulse Code Modulation
DPG	Dugway Proving Ground, UT
DPSK	Digital Phase Shift Keying
DSCC	Defense Supply Center Columbus Formerly DESC.
DSM	Division Support Missile
DSM	Dual Stage Magnetron
DSMAC	Digital Scene Matching Area Correlator
DSN	Defense Switched Network
DSRS	Division Support Rocket System
DTED	Digital Terrain Elevation Data
DTG	Distance To Go
DTG	Dynamically Tuned Gyro

DTI	Dwell Time Interval
DTIC	Defense Technical Information Center
DTNSRDC	David W. Taylor Naval Ship Research and Development Center, Bethesda, MD
DTO	Defense Technology Objective
DTV	Day Television

E

EAD	Extended Air Defense
EADI	Electronic Attitude Director Indicator
EAR	Electronically Agile Radar
EAR	Experimental Array Radar
ECAC	Electromagnetic Compatibility Analysis Center, Annapolis, MD. See JCS.
ECCM	Electronic Counter-Countermeasures
ECL	Emitter Coupled Logic
ECM	Electronic Countermeasures
ECOM	Electronics Command, Ft. Monmouth, NJ
EDCL	Electronic Discharge Conventional Laser
EDISCON	Electronic Beam Intensified Silicon Vidicon
EDL	Electric Discharge Laser
EDML	Electric Discharge Mixing Laser
EEGS	Electric Energy Gun System
EELS	Electronic Emitter Location System
EFOGM	Enhanced Fiber Optic Guided Missile

EFP	Explosively Formed Penetrator
EHF	Extremely High Frequency
EIC	Environmental Information IAC
ELF	Extremely Low Frequency
ELOS	Extended Line of Sight
ELS	Emitter Location System
ELV	Expendable Launch Vehicle
EMA	Earliest Missile Away
EMC	Electromagnetic Compatibility
EMCON	Emission Control
EMG	Electromagnetic Gun
EMGWS	Electromagnetic Gun Weapon System
EMI	Electromagnetic Interference
EMP	Electromagnetic Pulse
EMRAAT	Extended Medium Range Air to Air Technologies
EO	Electro-Optical
EOB	Electronic Order of Battle
EOC	Early Operational Capability
EOCM	Electro-Optical Countermeasures
EOD	Explosives Ordnance Disposal
EOGM	Electro-Optical Guided Missiles

EOSS	Electro-Optical Simulation System
EOST	Electro-Optic Sensor Technology
EOTS	Electro-Optical Threat Sensor
EP	Earth Penetrating
EPI	Electronic Position Indicator
EPW	Earth-Penetrating Weapon
ERADCOM	Army Electronics Research and Development Command Adelphi, MD
ERAM	Extended Range Air Munition
ERAM	Extended Range Antiarmor Munition
ERAM	Extended Range Antitank Mine
ERASE	Electromagnetic Radiating Source Elimination
ER-ATACMS	Extended-Range Army Tactical Missile System
ERINT	Extended Range Interceptor
ERP	Effective Radiated Power
ERP	Extended Range Projectile
ESAR	Electronically Steerable Array Radar
ESED	Naval Weapons Support Center, Crane, IN, Electronic Systems Engineering Department
ESG	Electrostatic Gyro
ESJ	Escort Screening Jammer

ESM	Electronic Support Measures
ETAS	Elevated Target Acquisition System
ETC	Electrothermal/Chemical
ETKF	Engaged Target Kalman Filter
ETSG	Electronic Target Signature Generation
EW	Early Warning
EW	Electronic Warfare
EWR	Early Warning Radar
EXCELS	Extended Capability Emitter Location System
EXJAM	Expendable Jamming System

F

F&F	Fire & Forget
FA	Frequency Agile
FAAD	Forward Area Air Defense
FAAR	Forward Area Alerting Radar
FACTS	FLIR Augmented Cobra TOW System
FAIR	Fly Along Infrared
FALW	Forward Area Laser Weapon
FAR	False Alarm Rate
FAR	Forward Acquisition Radar
FARV	Field Artillery Resupply Vehicle
FARV-A	Field Artillery Resupply Vehicle- Ammunition
FAST	Frequency Agile Search and Track
FASTAR	Forward Area Surveillance & Target Acquisition System
FAT	First Article Test
FATSS	Forward Area Target Surveillance System
FAW	Forward Area Weapons

FCS	Fire Control System
FCS	Flight Control System
FEBA	Forward Edge of the Battle Area
FEL	Free Electron Laser
FET	Field Effect Transistor
FF	Fire-and-Forget
FFAST	Fire-and-Forget Antitank Systems Technology
FFATS	Fire-and-Forget Antitank System
FFH	Fast Frequency Hopping
FFT	Fast Fourier Transform
FFTD	Fast Fourier Transform Device
FIFV	Future Infantry Fighting Vehicle
FIM-92	Stinger Missile
FIR	Far Infrared
FIRTI	Far Infrared Target Indicators
FITOW	Further Improved TOW
FL	Focal Length
FLAGE	Flexible Lightweight Agile Guided Experiment
FLAR	Forward Looking Airborne Radar
FLEXAR	Flexible Adaptive Radar
FLIR	Forward Looking Infrared

FLOT	Forward Line of Troops
FM	Frequency Modulation
FMR	Frequency Modulation Radar
FMTI	Future Missile Technology Integration Formerly TACAWS
FOC	Full Operational Capability
FODL	Fiber Optics Data Link
FOFA	Follow On Forces Attack
FOG	Fiber Optic Guidance
FOG	Fiber Optic Gyroscope
FOG-D	Fiber Optics Guidance-Development
FOG-M	Fiber Optic Guided Missile
FOG-S	Fiber Optic Guided-Skipper
FOG-X	Fiber Optic Guidance-X
FOTL	Follow-on To Lance
FOV	Field of View
FOW	Family of Weapons
FPA	Focal Plane Array
FPI	Fabry-Perot Interferometer
FRSS	Flight Reference Stabilization System
FSAC	Fire Support Armament Center, Picatinny Arsenal, Dover, NJ

FSED	Full Scale Engineering Development
FSK	Frequency Shift Key
FSR	Frequency Scan Radar
FTD	Foreign Technology Division, WPAFB, OH See NAIC.
FTP	Flat Trajectory Projectile
FUE	First Unit Equipped
FUV	Far Ultra-Violet
FW	Fixed Wing

G

GACIAC	Guidance and Control Information Analysis Center
GAMP	Guided Antiamor Mortar Projectile
GBS	Ground-Based Sensor
GCCS	Global Command & Control System
GCI	Ground Control Interception
GCR	Ground Controlled Radar
GCU	Guidance and Control Unit
GDL	Gas Dynamic Laser
GENESIS	Generic Smart Indirect Fire Simulation
GFSM	Gun Fired Smart Munitions
GIDEP	Government Industry Data Exchange Program
GIF	Guidance Integrated Fuzing
GKF	Guidance Kalman Filter
GLAD	Ground Laser Attack Designator
GLADIS	Ground Laser Attack Designator/ Identification System
GLCM	Ground Launched Cruise Missile

GLD	Ground Laser Designator
GLDS	Ground Laser Designator System
GLHS	Ground Launched HELLFIRE System
GLLD	Ground Laser Locator Designator
GLONASS	Global Navigation Satellite System
GM	Guided Missile
GP	Guided Projectile
GPI	Ground Position Indicator
GPS	Global Positioning System
GSMS	General Support Missile System
GSR	Ground Surveillance Radar
GSRS	General Support Rocket System
GSTS	Ground-based Surveillance Tracking System
GU	Guidance Unit

H

HAIL	High Angle Increased Lethality
HALO	High-Altitude Large Optics
HALS	Homing and Laser Simulation
HAP	Hypergolic Alloy Penetrator
HARM	High Speed Anti-Radiation Missile
HARPSS	High Altitude Remote Platform Surveillance System
HAST	High Altitude Supersonic Target
HAT	Head Aimed Television
HATH	High Acceleration Terminal Homing
HATS	Helicopter Advanced Tactical System
HATS	Helicopter Automatic Targeting System
HAW	Heavy Antitank Weapon
HAWFCAR	Helicopter Adverse Weather Fire Control/Acquisition Radar
HAWK	Homing All the Way Killer
HAWS	Heavy Assault Weapon System
HAWTADS	Helicopter All Weather Target Acquisition and Designation System

HDL	Harry Diamond Labs, Adelphi, MD
HEDI	High Endoatmospheric Defense Interceptor
HEDP	High Explosive Dual-Purpose
HEIAC	Hydraulic Engineering Information Analysis Center
HEL	High Energy Laser
HELAR	High Energy Laser Array
HELLFIRE	Heliborne Fire-and-Forget Systems
HELOVA	High Energy Low Vulnerability
HELP	High Energy LOVA Propellant
HELRATS	High Energy Laser Radar Acquisition and Tracking Sensor
HELTADS	High Energy Laser Tactical Air Defense System
HELWS	High Energy Laser Weapon System
HEMT	High Electron Mobility Transistor
HF	High Frequency
HFE	Human Factors Engineering
HFM	Heavy Force Modernization
Hi-CAMP	Highly Calibrated Airborne Measurements Program
HIMAD	High and Medium Altitude Air Defense
HIMAG	High Mobility Agility

HIMARS	High Mobility Artillery Rocket System
HIPAR	High Power Acquisition Radar
HIPAS	High Performance Armament System
HIPCOR	High Power Coherent Radar
HIPCOR-95	High Power Coherent 95 GHz Radar
HIPERFLIR	High Performance Forward Looking Infrared
HIPIR	High Power Illuminator Radar
HIRAN	High Accuracy SHORAN
HI-SPOT	High Altitude Surveillance Platform for Over-the-horizon Targeting
HISS	Helicopter Infrared Simulation System
HISU	HELLFIRE Integration and Sequencing Unit
HIT	Homing Intercept Technology
HM58	Swiss Falcon
HMD	Helmet-Mounted Display
HME	HELLFIRE Missile Equipment
HMMS	Hellfire Modular Missile System
HMMV	High Mobility Multipurpose Vehicle
HMMWV	High Mobility Multipurpose Wheeled Vehicle
HMS	Helmet-Mounted Sight

HNVS	Helicopter Night Vision System
HOB	Height of Burst
HOBO	Antiradiation Homing Bomb
HOE	Homing Overlay Experiment
HOGS	Homing Optical Guidance System
HOJ	Home-On-Jam
HOL	High Order Language
HOOT	Home-on-Optical Transponder
HOST	Hot Spot Tracking
HOT	Haut Subsonique Optiquement Teleguide Tire d'un Tube
HOWLS	Hostile Weapon Location System
HPG	Homopolar Generator
HPI	High Probability of Intercept
HPRF	High Pulse Repetition Frequency
HRR	High Resolution Radar
HSTV-L	High Survivability Testbed Vehicles- Lightweight
HTK	Hit to Kill
HTM	Hardened Target Munition
HTMIAC	High Temperature Materials IAC
HTOP	Hard Target Ordnance Program

HUD	Heads Up Display
HUMMER	HMMWV
HVAP	High Velocity Armor Piercing
HVAR	High Velocity Aircraft Rocket
HVAT	High Velocity Antitank
HVBR	Hypervelocity Beamrider
HVM	Hypervelocity Missile
HVR	Hypervelocity Rocket
HVT	High Value Target
HW	Hypervelocity Weapon
HWADM	Hypersonic Wide Area Defense Missile
HWIL	Hardware-in-the-Loop
HZ	Hertz



I2R	Imaging Infrared
IAC	Information Analysis Center
IADS	Integrated Air Defense System
IAGC	Instantaneous Automatic Gain Control
IAT	Image Automatic Tracking
IATAC	Information Assurance Technology Analysis Center
IBCCS	Integrated Battlefield Command and Control Simulation
IBCS	Integrated Battlefield Control System
IC	Integrated Circuit
ICAAS	Integrated Control Avionics for Air Superiority
ICAP	Improved Capability Upgrade
ICBM	Intercontinental Ballistic Missile
ICWAR	Improved Continuous Wave Acquisition Radar
IDA	Institute for Defense Analysis, Alexandria, VA

IDFM	Induced Directional Frequency Modulation
IEW	Intelligence Electronic Warfare
IEWCS	Intelligence Electronic Warfare Common Sensor
IF	Intermediate Frequency
IFC	Integrated Fire Control
IFF	Identification Friend or Foe
IFFN	Identification Friend, Foe or Neutral
IFOV	Instantaneous Field-of-View
IFPA	Integrated Focal Plane Array
IFV	Infantry Fighting Vehicle
IG	Integral Guidance
IIR	Imaging Infrared
IKBS	Intelligent Knowledge-Based Systems
ILAW	Improved Light Antitank Weapon
IM	Insensitive Munition
IMAAWS	Infantry Man-Portable Anti-Armor Weapon System
IMC	Image Motion Compensation
IMFRAD	Integrated Multiple Frequency Radar
IMU	Inertial Measuring Unit

INEWS	Integrated Electronic Warfare System
INFOSEC	Information systems Security
INS	Inertial Navigation System
INTAAWS	Integrated Air to Air Weapon Systems
IOC	Initial Operational Capability
IOT&E	Initial Operational Test & Evaluation
IPAR	Improved Pulsed Acquisition Radar
IR	Infrared
IR/MM	Infrared/Millimeter
IR/RF	Infrared/Radio Frequency
IRA	Infrared Acquisition
IRAD	Independent Research and Development
IRADS	Infra-Red Acquisition Designation System
IRAMMP	Infra-Red Analysis Measurements Modeling Program
IRBM	Intermediate Range Ballistic Missile
IRCCD	Infrared Charge Coupled Device
IRCCM	Infrared Counter-Countermeasures
IRCM	Infrared Countermeasures
IRGP	Infrared Guided Projectile

IRHVTA	Infrared High Value Target Acquisition
IRIA	Infrared Information and Analysis Center
IRSS	Infrared Simulation System
IRST	Infrared Search and Track
IRU	Inertial Reference Unit
ISAR	Inverse Synthetic Aperture Radar
ISO	International Standards Organization
ITACS	Integrated Tactical Air Control System
ITAS	Improved TOW Acquisition Sight
ITNS	Integrated Tactical Navigation System
ITOW	Improved TOW
ITV	Improved TOW Vehicle
IW	Information Warfare

J

J-1	JCS Directorate for Manpower and Personnel
J-2	JCS Directorate for Intelligence
J-3	JCS Directorate for Operations
J-4	JCS Directorate for Logistics
J-5	JCS Directorate for Strategic Plans and Policy
J-6	JCS Directorate for C4 Systems
J-7	JCS Directorate for Operational Plans and Interoperability
J-8	JCS Directorate for Force Structure Resources and Assessment
JANNAF	Joint Army, Navy, NASA, Air Force Interagency Chemical Propulsion Committee
JASSM	Joint Air to Surface Standoff Missile
JUST	Joint Advanced Strike Technology
JAWS	Joint Adverse Weather Seeker
JCS	Joint Chiefs of Staff, Washington, DC
JDAM	Joint Direct Attack Munition
JDL	Joint Directors of Laboratories

JFET	Junction Field Effect Transistor
JIAWG	Joint Integrated Avionics Working Group
JJ	Josephson Junction
JMEM	Joint Munitions Effectiveness Manual
JOINT STARS	Joint Surveillance Target Attack Radar System
JSC	Joint Spectrum Center. Formerly ECAC.
JSGCC	Joint Service Guidance and Control Committee
JSOW	Joint Service Stand-Off Weapon. Formerly AIWS
JSS	Joint Service Seeker
JSS	Joint Surveillance System
JTACMS	Joint Tactical Missile System
JTCG/AS	Joint Technical Coordinating Group on Aircraft Survivability
JTCG/ME	Joint Technical Coordinating Group on Munitions Effectiveness
JTFP	Joint Tactical Fusion Program
JTIDS	Joint Tactical Information Distribution System
JWCO	Joint Warfighting Capability Objective
JWSTP	Joint Warfighting Science and Technology Plan

K

KBAD	Knowledge-Based Algorithm Development
KBS	Knowledge-Based System
KE	Kinetic Energy
KEM	Kinetic Energy Missile
KEW	Kinetic Energy Weapon
KKV	Kinetic Kill Vehicle

L

L3TV	Low Light Level Television
LAADS	Low Altitude Air Defense System
LAAM	Light Antiaircraft Missile
LAAR	Low Altitude Acquisition Radar
LAAT	Laser Augmented Airborne TOW
LAD	Light Area Defense
LAD	Lightweight Air Defense
LADAR	Laser Radar
LADDS	Large Aperture Designation and Discrimination Sensor
LADS	Lightweight Air Defense System
LADS	Low Altitude Defense System
LADSS	Loitering Air Defense Suppression System
LAGUMS	Laser-Guided Missile System
LAIRS	Laser Augmented Infrared System
LAMPAMS	Laser Automated Missile Position and Altitude Measurement System
LAMPS	Light Airborne Multi-Purpose System

LANTIRN	Low Altitude Navigation and Targeting Infrared Night
LAR	Low Angle Reentry
LARS	Light Artillery Rocket Systems
LASAADS	Laser Semiactive Air Defense System
LASER	Light Amplification by Stimulated Emission of Radiation
LASR	Low Altitude Surveillance Radar
LATAR	Laser-Augmented Target Acquisition and Recognition
LAW	Light Antitank Weapon
LAWM	Lightweight All Weather Missile
LAWT	Light Antitank Weapon Technology
LBR	Laser Beamrider
LBRG	Laser Beamrider Guidance
LCCW	Low Cost Composite Weapon
LCIGS	Low Cost Inertial Guidance System
LCS	Laser Cross Section
LDAS	Laser Detection and Analysis System
LDWSS	Laser Designator Weapon System Simulation
LE	Leading Edge
LEAP	Lightweight Exoatmospheric Advanced Projectile

LED	Light Emitting Diode
LEG	Leading Edge Gate
LER	Loss Exchange Ratio
LF	Low Frequency
LGCM	Laser Guided Cluster Munition
LGHJ	Laser-Guided HONEST JOHN
LGM-118	Peacekeeper Missile
LGM-25	Titan Missile
LGM-30	Minuteman Missile
LGP	Laser-Guided Projectile
LGW	Laser-Guided Weapon
LHC	Left-Hand Circular (Polarization)
LIC	Low Intensity Conflict
LIDAR	Light Detection and Ranging
LLD	Laser Locator Designator
LMAR	Lightweight Mobile Acquisition Radar
LMC	Linear Motion Compensation
LO	Low Observable
LOADS	Low-Altitude Air Defense System
LOAL	Lock-on After Launch
LOBL	Lock-on Before Launch

LOC	Lines of Communication
LOCAAS	Low-Cost Anti-Armor Submunition
LOCALS	Low Cost Alternate Laser Seeker
LOCPOD	Low Cost Powered Dispenser
LOFAADS	Low Altitude Forward Area Air Defense System
LOGIC	Laser Optical Guidance Integration Concept
LOH	Light Observation Helicopter
LOJ	Line-of-Jamming
LOLADS	Low Altitude Laser Air Defense System
LOM	Line of Motion
LOMADS	Low and Medium Altitude Air Defense System
LONGBOW	Airborne Adverse Weather Weapon System
LONGFOG	Long-range FOG
LOP	Line of Position
LORAH	Long-Range Homing Interceptor
LORAN	Long-Range Navigation
LORAT	Long-Range Antitank Weapon System
LORO	Lobe-on-Receive Only
LOS	Line of Sight
LOSAT	Line of Sight Antitank

LOS-AT	Line of Sight-Antitank
LOSD	Line-of-Sight Difference
LOS-R	Line-Of-Sight Rear
LOTAWS	Laser Obstacle/Terrain Avoidance Warning System
LOVA	Low Vulnerability
LP	Liquid Propellant
LPG	Liquid Propellant Gun
LPI	Low Probability of Intercept
LPIR	Low Probability of Intercept Radar
LPRE	Liquid Propellant Rocket Engine
LRAT	Large Radar Array Technology
LRCSW	Long Range Conventional Standoff Weapon
LRDMM	Long Range Dual Mission Missile
LRF	Laser Rangefinder
LRGM	Long-Range Guided Missile
LRM	Long-Range Missile
LRR	Long-Range Radar
LSA	Laser Semiactive
LSC	Linear Shape Charge
LSI	Large Scale Integration

LST	Laser Spot Tracker
LTA	Lighter Than Air
LTD	Laser Target Designator
LV	Launcher Vehicle
LWIR	Long Wavelength Infrared
LWLD	Light Weight Laser Designator

M

M-47	Dragon Missile
MAA	Mission Area Analysis
MADOM	Magnetic-Acoustic Detection of Mines
MAFLIR	Modified Advanced Forward Looking Infrared
MAGIC	Multiple Aperture Geosynchronous Imaging Capability
MAGR	Miniature Airborne GPS Receiver
MANPADS	Man-Portable Air Defense System
MARC	Modified Azimuth Radar Correlation
MARFS	Multienvironment Active Radio Frequency Seeker
MARS	Multiple Artillery Rockets
MARV	Maneuverable Reentry Vehicle
MASAR	Multimode Airborne Solid-State Array Radar
MASR	Multiple Antenna Surveillance Radar
MASS	Mission Avionics Sensor Synergism
MASTR	Modular Airborne Search and Track Radar

MASTS	Manned Aerial Surveillance and Target Acquisition System
MATH-P	Medium Artillery Terminal Homing Projectile
MATT	Manned Aircraft TOW Target
MAVS	Manned Aerial Vehicle for Surveillance
MAW	Medium Antitank Weapon
MBE	Molecular Beam Epitaxy
MBGE	Missile-Borne Guidance Equipment
MBT	Main Battle Tank
MCG	Midcourse Guidance
MCGD	Millimeter Wave Contrast Guidance Demonstration
MCIC	Metals and Ceramics Information Center
MCTI	Motion Compensated Target Integration
MCTL	Military Critical Technologies List
MDAGS	Missile Development Airborne Guidance System
MDAGS	Modular Digital Airborne Guidance Section
MEACONING	Measuring and Confusing
MEAT	Multiple Edge Adaptive Tracker
MEL	Mobile Erector-Launcher

MEMS	Microelectromechanical systems
MEP	Mission Equipment Package
MESFET	Metal Semiconductor Field Effect Transistor
MEW	Microwave Early Warning
MEWETS	Multiple Electronic Warfare Emitter Target System
MFAAD	Mobile Field Army Air Defense
MFAR	Multifunction Array Radar
MFR	Multi-Function Radar
MGM-31	Pershing Missile
MGM-51	Shillelagh Missile
MGM-52	Lance Missile
MGU	Midcourse Guidance Unit
MHD	Missile Homing Device
MHV	Miniature Homing Vehicle
MIC	Microwave Integrated Circuit
MICOS	Multifunctional Infrared Coherent Optical Scanner
MICRAD	Microwave Radiometric Reconnaissance System
MIG	Mikoyan-Gurevich
MIGS	Miniature Infrared Guidance Sensor

MILAN	Missile d'Infanterie Leger Antichar
MILSTAR	Military Strategic and Tactical Relay System
MIM-104	Patriot Missile
MIM-115	Roland Missile
MIM-23	Hawk Missile
MIM-43	Redeye Missile
MIM-72	Chaparral Missile
MIMIC	Microwave and Millimeter Wave Integrated Circuit
MINS	Miniature Inertial Navigation System
MIPIR	Missile Precision Instrumentation Radar
MIPR	Military Interdepartmental Purchase Requisition
MIRACL	Mid Infra-Red Advanced Chemical Laser
MIRV	Multiple Independently Targetable Reentry Vehicle
MISFET	Metal Insulator Semiconductor FET
MIST	Mosaic Infrared Sensor Technology
MISTIC	Missile System Target Illuminator Controlled
MISTIR	Multifunction Imaging Search Track Infrared

MITE	Missile Integration Terminal Equipment
MLC	Mainlobe Cancellation
MLE	Maximum Likelihood Estimation
MLRS	Multiple Launch Rocket System
MLRS-TGW	Multiple Launch Rocket System Terminally Guided Weapon
MLSS	Modular Lightweight Sensor System
MM38	Exocet Missile (Ship-Launched)
MM40	Exocet Missile (Long-Range)
MMCIAC	Metal Matrix Composites Information Analysis Center
MMG	Multimode Guidance
MMIC	Monolithic Microwave Integrated Circuits
MMMIC	Monolithic Millimeter Wave Integrated Circuits
MMS	Mast Mounted Sight
MMW	Millimeter Waves
MNS	Mission Needs Statement
MOA	Memorandum of Agreement
MOCVD	Metal Organic Chemical Vapor Deposition
MODFET	Modulation Doped MESFET

MODFLIR	Modular Forward-Looking Infrared Seeker
MOE	Measure Of Effectiveness
MOFA	Multi-Option Fuze for Artillery
MOM	Method Of Moments
MOMBE	Metal Organic Molecular Beam Epitaxy
MORE	Multiple Optical Reconnaissance System
MOS	Metal Oxide Semiconductors
MOTARS	Moving Target System
MOTR	Multiple Object Tracking Radar
MOU	Memorandum of Understanding
MOUT	Military Operations Urban Terrain
MPAT	Multi-Purpose Anti-Tank
MPI	Mean Point of Impact
MRADMS	Medium Range Air Defense Missile System
MRASM	Medium Range Air-to-Surface Missile
MRM	Medium Range Missile
MRR	Multi-Role Radar
MRSR	Multi-Role Survivable Radar
MSAM	Medium Surface-to-Air Missile
MSAMS	Mobile Surface-to-Air Missile System

MSAR	Miniature Synthetic Aperture Radar
MSCM	Multi-Spectral Countermeasures
MSE	Mobile Subscriber Equipment
MSFD	Multisensor Fusion Demonstration
MSI	Multi-Spectral Imagery
MSIS	Multi-Spectral Imaging Sensor
MSLC	Multiple Sidelobe Canceller
MSOW	Modular Standoff Weapon
MSP	Mosaic Sensor Program
MSPS	Modular Self-Protection System
MSR	Modular Survivable Radar
MSRADS	Mobile Short Range Air Defense System
MSTAR	Manportable Surveillance & Target Acquisition Radar
MSTART	Missile System to Attack Relocatable Targets
MTADS	Mass Tactical Aerial Delivery System
M-TAP	Multifunction Target Acquisition Processor
MTAS	Multiple Target Acquisition System
MTI	Moving Target Indicator
MTIAC	Manufacturing Technology IAC
MTIR	Multiple Target Instrumentation Radar

MTLS	Moving Target Location System
MTTS	Mobile Target Tracking System
MULE	Modular Universal Laser Equipment
MULTACK	Multiple Target Attack
MULTEWS	Multiple Target Electronic Warfare System
MUSIC	Multiple Signal Classification
MUSIC	Multi-Spectral Infrared Camera
MWIR	Medium Wavelength Infrared
MWS	Modular Weapon System

N

NADC	Naval Air Development Center, Warminster, PA
NAFI	Naval Avionics Facility Indianapolis
NAIC	National Air Intelligence Center. Formerly FTD.
NAMTC	Naval Air Missile Test Center, Pt. Mugu, CA
NAVAIR	Naval Air Systems Command, Washington, DC
NAVELEX	Naval Electronic Systems Command, Washington, DC
NAVSAT	Navigational Satellite
NAVSEA	Naval Sea Systems Command, Washington, DC
NAVSTAR	Navigation Satellites Timing and Ranging
NAWAS	Night Adverse Weather Attack System
NAWC	Naval Air Warfare Center, China Lake, CA. Formerly NWC.
NAWCWPNS	Naval Air Warfare Center Weapons Division, China Lake, CA
NCTR	Noncooperative target recognition

NDI	Non-Developmental Item
NET	Noise Equivalent Temperature
NFOV	Narrow Field-of-View
NGIC	National Ground Intelligence Center
NIMA	National Imagery Mapping Agency Formerly DMA
NLOS	Non Line-Of-Sight
NMC	Naval Missile Center, Pt. Mugu, CA
NNSS	Navy Navigational Satellite System
NOSC	Naval Ocean Systems Center, San Diego, CA
NPS	Naval Postgraduate School, Monterey, CA
NRL	Naval Research Lab, Washington, DC
NS	Night Sight
NSRDC	David W. Taylor Naval Ship Research and Development Center, Bethesda, MD
NSSMS	NATO Sea Sparrow Surface Missile System
NSWC/DL	Naval Surface Weapons Center, Dahlgren Labs, VA
NTIAC	Nondestructive Testing Information Analysis Center
NV	Night Vision

NVEOL	Night Vision and Electro-Optics Lab, Ft. Belvoir VA
NWC	Naval Weapons Center, China Lake, CA See NAWC.
NWSC/CR	Naval Weapons Support Center, Crane, IN



OAB	Outer Air Battle
OAC	Optical Area Correlator
OASIS	Optimized Air-to-Surface Infrared Seeker
OATS	Over Armor Technology Synthesis
OC	Optimal Controller
OCCM	Optical Counter-Countermeasures
OCM	Optical Countermeasures
OCONUS	Outside Continental United States
OCS	Optical Contrast Seeker
OLOS	Optical Line-of-Sight
OMCVD	Organometallic Chemical Vapor Deposition
OMFAC	Optical Matched Filter Area Correlator
ONR	Office of Naval Research, Arlington, VA
ONT	Office of Naval Technology, Arlington, VA
OOTW	Operations Other than War
OPEVAL	Operational Evaluation

OPLAN	Operation Plan
OPNAV	Chief of Naval Operations
OPTAG	Optical Aimpoint Guidance
OPTIR	Optical IR Backgrounds
OR	Operational Requirement
ORCHIDEE	Observatoire radar coherent heliporte d'investigation des elements enemis
ORT	Overland Radar Technology
OSCAR	Optical Systems Component Application Research
OT&E	Operational Test & Evaluation
OTF	Optical Transfer Function
OTH-B	Over-the-Horizon-Backscatter
OTHR	Over-the-Horizon Radar
OWL	One Watt Linear

P

PAACE	Precision Aircraft Armament Control Experiment
PAC	PATRIOT Advanced Capability
PACS	Propulsion Augmented Control/Lift Surface
PACT	Prestored Area Correlation Tracker
PADS	Position and Azimuth Determining System
PALS	Positioning And Locating System
PAM	Pulse Amplitude Modulation
PAR	Perimeter Acquisition Radar
PARCS	Perimeter Acquisition Radar Characterization System
PART	Passive Airborne Ranging Techniques
PASS	Passive Acquisition and Surveillance System
PATS	Precision Automated Tracking System
PAWS	Phased Array Warning System
PCHOJ	Passive Correlation Home-on-Jam
PCM	Pulse Code Modulation

PCTOU	Passive Correlation Track-on-Jam
PDAMS	Precision Deep Attack Missile System
PDAP	Programmable Digital Autopilot
PDF	Probability Density Function
PDM	Pulse Duration Modulation
PDMM	Pulse Doppler Map Matcher
PELS	Precision Emitter Location System
PEO	Procurement Executive Officer
PFM	Pulse Frequency Modulation
PFN	Pulse Forming Network
PGM	Precision Guided Munition
PIGA	Pendulous Integration Gyroscopic Accelerometer
PII	Pershing II
PIM	Pulse Interval Modulation
PIP	Product Improvement Program
PIVADS	Product Improved Vulcan Air Defense System
PK	Probability of Kill
PLASTEC	Plastics Technical Evaluation Center
PLD	Precision Laser Designator
PLG	Proportional Lead Guidance

PLL	Phased Locked Loop
PLRS	Position Location Reporting System
PLSS	Precision Location Strike System
PM	Pulse Modulation
PMS	Pedestal Mounted Stinger
PMTC	Pacific Missile Test Center, Pt. Mugu, CA
PN	Pseudo-Noise
PNG	Proportional Navigational Guidance
PNVS	Pilot Night Vision System
POI	Probability Of Intercept
POST	Passive Optical Seeker Technology
PP&T	Precision Pointing and Tracking
PPI	Plan Position Indicator
PPM	Pulse Position Modulation
PRF	Pulse Repetition Frequency
PRISM	Passive Radar Identification System
PRM	Pulse Ratio Modulation
PSD	Particle Size Distribution
PSD	Power Spectral Density
PSM	Polarization Scattering Matrix
PSPT	Precision Spot Positioning Tracker

PSTAR	Portable Search and Target Acquisition Radar
PSTIAC	Pavements and Soil Trafficability IAC
PTADS	Point Target Defense System
PTS	Point Target Subsystem
PTW	Point Target Weapon
PW	Pulse Width
PWAAS	Passive Wide Area Alerting System
PWD	Pulse Width Discrimination
PWM	Pulse Width Modulator
PWS	Proximity Warning System

Q

QAZ

Quaternary Alloy of Zirconium

QML

Qualified Manufacturers List

QR

Quiet Radar

R

R.440	Crotale Missile
R.550	Magic Missile
RAC	Radar Area Correlation
RAC	Reliability Analysis Center
RAC	Radar-Absorbing Chaff
RACG	Radiometric Area Correlation Guidance
RADAC	Radar Area Correlation
RADAG	Radiometric Area Correlation Guidance
RADAGS	Radar Aimpoint Guidance System
RADAM	Radar Detection of Agitated Metals
RADAR	Radio Detecting and Ranging
RADC	Rome Air Development Center, Griffiss AFB, NY
RAE	Royal Aircraft Establishment, Farnborough, England
RAGS	Regular Airborne Guidance System
RAIDS	Rapid Anti-ship missile Integrated Defense System
RAKE	Rocket-Assisted Kinetic Energy

RAM	Radar Absorbing Materials
RAM	Random Access Memory
RAM	Reliability, Availability, Maintainability
RAM	Rolling Airframe Missile
RAM-D	Reliability, Availability, Maintainability and Durability
RAP	Rocket Assisted Projectile
RAS	Radar-Absorbing Structures
RASER	Research Radar and Seeker Evaluator
RASTAS	Radiating Site Target Acquisition System
RATSCAT	Radar Target Scatter
RAWS	Radar Attack and Warning System
RB28	Swedish Falcon
RB53	Bantam Missile
RBS 70	Ray Rider Missile
RBS56	Bill Missile
RCS	Radar Cross Section
REDCAT	Range Extended Directional Controlled Antitank
RELNAV	Relative Navigation
REMBASS	Remotely Monitored Battlefield Sensor System

REP	Range Error Probability
RF	Radio Frequency
RFI	Radio Frequency Interference
RFSS	Radio Frequency Simulation System
RHAW	Radar Homing and Warning
RHC	Right-Hand Circular (Polarization)
RHOGI	Radar Homing and Guidance Interceptors
RIG	Rate Integrating Gyro
RIM-116	Rolling Airframe Missile
RIM-2	Terrier Missile
RIM-24	Tartar Missile
RIM-66	Standard Missile
RIM-67	Standard Missile (ER)
RIM-7	Sea Sparrow Missile
RLG	Ring Laser Gyro
RLPG	Regenerative Liquid Propellant Gun
RMS	Radiometric Seeker
RMS	Root Mean Square
ROC	Required Operational Capability
ROI	Return On Investment
ROR	Range-Only Radar

ROV	Remotely Operated Vehicle
RPAODS	Remotely Piloted Aerial Observation Designation System
RPP	Rocket Propelled Projectile
RPV	Remotely Piloted Vehicle
RRS	Roll Rate Sensor
RSIC	Redstone Scientific Information Center, Redstone Arsenal, AL
RSRE	Royal Signals and Radar Establishment, England
RSS	Root Sum Squared
RSS	Rosette Scan Seeker
RSTA	Reconnaissance Surveillance and Target Acquisition
RT	Real-Time
RWR	Radar Warning Receiver

S

S.530	Super 530 Missile
S/A	Semiactive
S/C	Signal-to-Clutter
S/C+N	Signal-to-Clutter Plus Noise
S/N	Signal-to-Noise
SA-13	Strella Missile
SA-2	Guideline Missile
SA-3	Goa Missile
SA-4	Ganef Missile
SA-5	Gammon Missile
SA-6	Gainful Missile
SA-7	Grail Missile
SA-8	Gecko Missile
SA-9	Gaskin Missile
SABMIS	Seabased Ballistic Missile Interception System
SADARM	Sense and Destroy Armor
SADFRAD	Synthetic Aperture Dual Frequency Radar

SAIRS	Standardized Advanced Infra-Red Sensor
SAL	Semiactive Laser
SAL-IR	Semiactive Laser-Infrared
SALPAM	Semiactive Laser Point Attack Missile
SALS	Semiactive Laser System
SAM	Surface to Air Missile
SAM-D	Surface to Air Missile Defense
SAMID	Ship Anti-Missile Integrated Defense
SAMP	Small Arms Master Plan
SA-N-1	Naval Goa Missile
SA-N-2	Naval Guideline Missile
SA-N-3	Goblet Missile
SAPPHIRE	Synthetic Aperture Precision Processor High Reliability
SAR	Synthetic Aperture Radar
SAR	Synthetic Array Radar
S-ARM	Standard-Antiradiation Missile
SASS	Spectrally Agile Sensor System
SASS	STINGER Airborne Self-Defense Subsystem
SASS	Synthetic Aperture Seeker System

SAVA	Standard Army Vetronics Architecture
SAVIAC	Shock and Vibration IAC
SAW	Squad Automatic Weapon
SAW	Surface Acoustic Wave
SAWS	Silent Attack Warning System
SBIR	Small Business Innovative Research
SCAD	STINGER Counter-Air Demonstration
SCAG	Spin Coupled Accelerometer Gyro
SCAM	Shaped Charge Antimine Munition
SCR	Signal-to-Clutter
SDI	Strategic Defense Initiative
SEAD	Suppression of Enemy Air Defenses
SEAM	Second Echelon Attack Missile
SEARAY	Navy Demonstration of Air to Surface Fiber Optic Guidance
SEAS	Simultaneous Engagement Armament System
SEKP	Single Engagement Kill Probability
SEMI	Special Electromagnetic Interference
SEP	Spherical Error of Probability
SETTER	Sensor Fusion for SHORADS
SFF	Self-Forging Fragment

SFM	Sensor Fuzed Munition
SFOV	Search Field-of-View
SFW	Sensor Fuzed Weapon
SHADR	Short-Range Air Defense Radar
SHAG	Simplified High Accuracy Guidance
SHAPE	Supreme Headquarters Allied Powers Europe
SHAWL	Special Hard-Target Assault Weapon Law
SHF	Super High Frequency
SHIRAN	S-band HIRAN
SHORAD C2	Short-Range Air Defense Command and Control
SHORAD	Short-Range Air Defense
SHORADS	Short-Range Air Defense Systems
SHORAN	Short-Range Navigation
SIAM	Self-Initiated Antiaircraft Missile
SIBYL	Synergistic Image Building Yttrium LADAR
SIDAC	Supportability Investment Decision IAC
SIG-D	Simplified Inertial Guidance Demonstration
SIMNET	Simulation Network

SIRCS	Shipboard Intermediate Range Combat System
SIT	Silicon Intensified Target
SJN	Signal-to-Jammer Noise
SLAM	Stand-off Land Attack Missile
SLAM	Supersonic Low-Altitude Missile
SLAM	Surface Launched Anti-Ship Missile
SLAP	Saboted Light Army Penetrator
SLAR	Side Looking Airborne Radar
SLATCM	Ship Launched Air Targeted Cruise Missile
SLBM	Sea-Launched Ballistic Missile
SLC	Sidelobe Cancellation
SLCM	Sea-Launched Cruise Missile
SLGR	Small, Lightweight GPS Receiver
SLIR	Staring Laser Intercept Receiver
SLR	Side Looking Radar
SLS	Sidelobe Suppression
SM	Standard Missile
SM39	Exocet Missile (Submarine-Launched)
SMAC	Scene Matching Area Correlator
SMAL	Stabilized Mirror Airborne Laser

SMART	Slot-Ring Mixer Array Receiver Technology
SMAVPAD	Small Vehicle Portable Air Defense System
SMAWT	Short-Range Manportable Antitank Weapon Technology
SMIAC	Soil Mechanics Information Analysis Center
SMITHS	Spinning Mass Implemented Terminal Homing Seeker
SMMR	Scanning Multichannel Microwave Radiometer
SMMW	Submillimeter Wave
SMT	Surface Mount Technology
SMW	Scatterable Mine Warhead
SNAP	Steerable Null Antenna Processor
SNR	Signal-to-Noise Ratio
SOJ	Standoff Jammer
SOM	Smoke Obscuration Model
SONAR	Sound Navigation and Ranging
SOS	Stabilized Optical Seeker
SOTAS	Standoff Target Acquisition System
SOW	Stand-Off Weapon
SOW	Statement Of Work

SP HAWK	Self-Propelled HAWK
SPAL	Stabilized Platform Airborne Laser
SPARK	Solid Propellant Advanced Ramjet Kinetic energy missile
SPIRE	Simulation of Passive Infrared Equipment
SPOT	Seeker Pattern Over Target
SPW	Self-Protection Weapon
SQUID	Superconducting Quantum Interference Device
SRAAM	Short Range Air-to-Air Missile
SRAM	Short-Range Attack Missile
SRARM	Short-Range Anti-Radiation Missile
SRAW	Short-Range Anti-tank Weapon
SRBM	Short-Range Ballistic Missile
SRHIT	Small Radar Homing Intercept Technology
SRT	Strategic Relocatable Target
SRTS	Short-Range Thermal Weapon Sight
SS-1	Scud Missile
SS-12	Scaleboard Missile
SS-13	Savage Missile
SS-14	Scamp Missile
SS-16	Sinner Missile

SS-17	Spanker Missile
SS-18	Satan Missile
SS-19	Stiletto Missile
SS-20	Saber Missile
SS-21	Scarab Missile
SS-23	Spider Missile
SSC-1	Shaddock Missile (Coastal Defense)
SSC-2A	Salish Missile
SSC-2B	Samlet Missile
SSEKP	Single-Shot Engagement Kill Probability
SSJ	Self-Screening Jammer
SSKP	Single-Shot Kill Probability
SSM	Surface-to-Surface Missile
SS-N-2	Scrubber Missile
SS-N-2	Styx Missile
SS-N-20	Sturgeon Missile
SS-N-3A	Shaddock Missile
SS-N-5	Sark Missile
SS-N-6	Serb Missile
SS-N-8	Sawfly Missile
SS-N-9	Siren Missile

SS-NX-23	Skiff Missile
SSP	Single-Shot Probability
SSR	Spread Spectrum Radar
SST	Smart Submunition Technology
SS-X-17	Stuoe Missile
SS-X-24	Scalpel Missile
STAAS	Surveillance and Target Acquisition Aircraft System
STAFF	Smart Target Activated Fire and Forget
STANAG	Statement of NATO Agreement
STANO	Surveillance Target Acquisition and Night Observation
STARTLE	Surveillance and Target Acquisition Radar for Tank Location and Engagement
STC	SHAPE Technical Center, The Hague, Netherlands
STIR	Search/Track/Illuminate Radar
STU	Secure Telephone Unit
SUAWACS	Soviet Union Airborne Warning and Command System
SURVIAC	Survivability / Vulnerability IAC
SUW	Surface Warfare

SVIC	Shock and Vibration Information Center
SWIR	Short Wavelength Infrared
SWMO	Smart Weapons Management Office

T

TA	Terrain Avoidance
TAAWS	Target Acquisition for Army Weapon Systems
TABILS	Target and Background Information Library System
TAC	Tactical Air Command, Langley AFB, VA
TACAN	Tactical Air Navigation
TACAWS	The Army Counter Air Weapon System. See FMTI.
TACCS	Tactical Airborne Command Control and Surveillance
TACDS	Threat Adaptive Countermeasures Dispensing System
TACJAM	Tactical Jammer
TACMAR	Tactical Multifunction Array Radar
TACMS	Tactical Missile System
TACOM	Army Tank-Automotive Command, Warren, MI
TACOS	Tactical Air Defense Computer Simulation
TACTEC	Tactical Technology Center

TACTS	Tactical Aircrew Combat Training System
TADAR	Target Acquisition, Designation & Aerial Reconnaissance
TADS	Target Acquisition and Designation System
TADS/PNVS	Target Acquisition Designation/Pilot Nights Vision System
TAG	Target Adaptive Guidance
TALCM	Tomahawk Air-Launched Cruise Missile
TALD	Tactical Air-Launched Decoy
TAM	Target Activated Munitions
TAM	Technology Area Manager
TAP	Technology Area Plan
TAR	Terrain Avoidance Radar
TARA	Technology Review and Assessment
TARADCOM	Army Tank-Automotive Research and Development Command, Warren, MI
TARAN	Tactical Radar And Navigation
TARC	Tactical Air Reconnaissance Center
TARCOM	Army Tank-Automotive Materiel Readiness Command, Warren, MI
TARECS	Target Recognition Systems
TARFS	Three-Axis Rotational Flight Simulator

TARS	Tactical Air Reconnaissance System
TARS	Terrain Avoidance Radar System
TAS	Target Acquisition System
TASD	Target Acquisition for Ship Defense
TASDC	Tank-Automotive Systems Development Center, Warren, MI
TASM	Tactical Air-to-Surface Missile
TASM	Tomahawk Anti-Ship Missile
TAWDS	Target Acquisition / Weapon Delivery System
TB	Technology Base
TBAG	Technology Base Advisory Group
TBIS	Technology Base Investment Strategy
TBM	Tactical Ballistic Missile
TBM	Theater Ballistic Missile
TBMD	Theater Ballistic Missile Defense
TCR	Terrain Clearance Radar
TCSP	Terminally Corrected Spinning Projectile
TDA	Tactical Decision Aid
TDAR	Tactical Defense Alerting Radar
TDI	Time Delay and Integration

TDMA	Time Division Multiple Access
TDOA	Time Delay Of Arrival
TDOA	Time Difference Of Arrival
TE	Trailing Edge
TEAL	Transversely Excited Atmospheric Laser
TECOM	Test and Evaluation Command, APG, MD
TEGFET	Two-dimensional Electron Gas FET
TELERAN	Television Radar Air Navigation
TERCOM	Terrain Contour Matching
TEREC	Tactical Electronic Reconnaissance
TERPROM	Terrain Profile Matching
TEWDS	Tactical EW Deception System
TFGM	Tank-Fired Guided Missile
TFR	Terrain-Following Radar
TFWC	Tactical Fighter Weapons Center, Nellis AFB, CA
TG	Terminal Guidance
TGP	Terminally Guided Projectile
TGSM	Terminally Guided Submunition
TGW	Terminally Guided Weapon
TH	Terminal Homing

THAAD	Theatre High Altitude Area Defense
THAD	Terminal Homing Accuracy Demonstration
THASSID	Terminal Homing Applications of Solid State Imaging Devices
THERMIS	Terminal Homing Extended Range Missile Intercept System
THG	Terminal Homing Guidance
TIA	Technical Interest Area
TIAS	Target Identification & Acquisition System
TIS	Target Identification System
TIS	Thermal Imaging System
TISEO	Target Identification System Electro-Optical
TJS	Tactical Jamming System
TLAM-C	Tomahawk Land Attack Missile, Conventional
TLAM-D	Tomahawk Land Attack Missile, sub-munitions warhead
TLAM-N	Tomahawk Land Attack Missile, Nuclear
TLGP	Tube-Launched Guided Projectile
TLS	Tactical LADAR Seeker
TMA	Target Motion Analysis

TMAP	Teleoperated Mobile Antiarmor Platform
TMAS	Tank Main Armament System
TMD	Tactical Munitions Dispenser
TMD	Theatre Missile Defense
TMR	Target Motion Resolution
TOA	Time of Arrival
TOC	Technical Oversight Center
TOJ	Track-on-Jam
TOW	Tube-Launched Optically Tracked Wire Guided
TPCCC	Technology Panel for Command, Control, and Communications
TPE	Thermoplastic Elastomers
TPM	Terrain Profile Matching
TQM	Total Quality Management
TRAAMS	Time Reference Angle of Arrival Measurement System
TRACE	Terminal Radar Area Correlation Experiment
TRADOC	Army Training and Doctrine Command, Ft. Monroe, VA
TRAM	Target Recognition Attack Multisensor
TRAP	Terminal Radiation Program

TRASANA	Army TRADOC Systems Analysis Activity, WSMR, NM
TREE	Transient Radiation Effects on Electronics
TRI-FAST	Tri-Forces Active Seeker Technology Program
TRIG	Tactical Ring Laser Gyro
TRISIG	Tri-Service Signature Data Base
TSL	Tri-Service Laser
TSOFT	Terminal Sensor Flight Test
TSSAM	Tri-Service Stand-off Attack Missile
TTG	Time to Go
TVC	Thrust Vector Control
TWS	Thermal Weapon Sight
TWS	Track-While-Scan
TWT	Traveling Wave Tube

U

UAM	Underwater-to-Air Missile
UAR	Unattended Radar
UARS	Unmanned Air Reconnaissance System
UARY	Unmanned Air Reconnaissance Vehicle
UAV	Unmanned Aerial Vehicle
UEJ	Unattended Expendable Jammer
UGM-27	Polaris Missile
UGM-73	Poseidon Missile
UGM-84	Harpoon Missile
UGM-96	Trident Missile
UGV	Unmanned Ground Vehicle
UH	Utility Helicopter
UHF	Ultra High Frequency
ULSA	Ultra-Low Sidelobe Antenna
UMTE	Unmanned Threat Emitter
UPS	Uninterruptible Power Supply
URR	Ultra Reliable Radar
UUM	Underwater-to-Underwater Munition

UUM-44	Subroc
UUV	Unmanned Underwater Vehicle
UWB	Ultra-Wideband
UXO	Unexploded Ordnance

V

V&V	Verification & Validation
VADS	Vulcan Air Defense System
VAL	Vulnerability Assessment Laboratory, WSMR, NM
VATLS	Visual Airborne Target Locating System
VEMASID	Vehicle Magnetic Signature Duplication
VHBR	Very High Burning Rate
VHF	Very High Frequency
VHSIC	Very High Speed Integrated Circuits
VISTA	Very Intelligent Surveillance & Target Acquisition
VLF	Very Low Frequency
VLSI	Very Large Scale Integration
VOR	Very High Frequency Omnidirectional Range
VORTAC	VOR TACAN
VOTS	Variable Optical Target Simulator
VRP	Velocity Reduction Parachute
VSHORAD	Very Short Range Air Defense

VTAS Visual Target Acquisition System

VTLRM Variable Trajectory Long-Range Missile



WAA	Wide Aperture Array
WAAM	Wide Area Antiarmor Munition
WADC	Wright Air Development Center, WPAFB, OH
WADD	Wright Air Development Division, WPAFB, OH
WAM	Wide Area Mine
WAND	Wide Area Neutralization Device
WASP	Wide Area Side Penetrating
WASPM	Wide Area Side Penetrating Mine
WES	Waterways Experimental Station
WFOV	Wide Field-of-View
WLV	Weapon lethality/vulnerability
WOE	Weapons Optical Effects
WOODS	Wire/Obstacle Detection System
WP	White Phosphorus
WSAO	Naval Weapons Systems Analysis Office, Washington, DC
WSEG	Weapons Systems Evaluation Group, Arlington, VA

WSMR

White Sands Missile Range, NM

WVR

Within Visual Range

X

XM-26

MLRS

Y

YAG

Yttrium-Aluminum-Garnet

YIG

Yttrium Indium Garnet

YPG

Yuma Proving Ground, AZ

Z

Z

Greenwich Meantime

ZBB

Zero Based Budgeting

Zulu

Greenwich Meantime

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